



## HOW ARE RATES DETERMINED?

As a regulated utility, Liberty Utilities' rates must be approved by the California Public Utilities Commission (CPUC). Rates reflect the cost to provide customer care, emergency and outage services, maintenance and improvement of infrastructure, and recovery of operating costs to serve customers safely and reliably. Costs are a direct pass-through to the customer with a CPUC-approved return on investment. A significant portion of your bill is for purchased energy costs.

Liberty Utilities may adjust rates to reflect costs through a rate request. The CPUC requires submission of a rate request every three years; other rate adjustments may occur through advice letters and applications. The CPUC reviews the detailed requests and may make modifications before a decision is rendered.

Once rates are approved, they become part of a larger Tariff document. Tariffs are a detailed accounting of the services we deliver, our rates for those services, and the policies we adhere to. You can view those Tariffs by visiting [www.libertyutilities.com](http://www.libertyutilities.com) on our Rates webpage.

## WHAT IS MY RATE CLASS?

Rates are categorized by rate class, with each rate class assigned specific charges. In general, there are four rate classes:

### RESIDENTIAL (DOMESTIC) SERVICE (D1)

Less than 50 kW demand per month.

### SMALL COMMERCIAL SERVICE (A1)

Between 50 kW and 200 kW demand per month.

### MEDIUM COMMERCIAL SERVICE (A2)

Greater than 200 kW demand per month.

### LARGE COMMERCIAL SERVICE (A3)

Greater than 200 kW demand per month.

There are additional rate classes within each of these four general categories such as Time-Of-Use rates and CARE (California Alternate Rates for Energy). Please see the individual rate schedules (or Tariffs) for this information as well as each rate class' qualifications.

## HOW DO I KNOW WHAT RATE CLASS I'M IN?

Customers can look on their bill statement for their rate code. This code corresponds to a rate class. Below are the rate classes with corresponding rate codes.

### RESIDENTIAL RATE CLASS CODES (D1):

E02, E04, E06, E08, E10, E12, E14, E16, E42, E44, E46, E48

### SMALL COMMERCIAL RATE CLASS CODES (A1):

E50, E5A

### MEDIUM COMMERCIAL RATE CLASS CODES (A2):

E52

### LARGE COMMERCIAL RATE CLASS CODES (A3):

E6OnWin; E6MidWin; E6OffWin; E8SumOn; E8SumOff

## HOW AM I CHARGED?

Your rate class and code determines how you are charged as defined by CPUC-authorized Tariffs. Below are the various charge categories customers may see on their bill.

**Customer Charge:** per meter; per month.

**Energy Charge (use):** Per kWh.

**Other Energy Charges:** These are single-line items on your bill; many of them are CPUC requirements.

**Demand Charge:** Per kW of Maximum Demand per month; different for winter and summer; this is the energy demand on the system, not the actual usage. This is for Medium Commercial (A2) and Large Commercial (A3) customers only.

**Facilities Charge:** Per kW of Maximum Demand per month. This is for (A3) customers only.

**Additional Charges:** There are additional line-item charges on your bill as authorized and required by the CPUC. Please visit our website for details.

**Local and Responsive. We Care.**

## HOW IS MY BILL CALCULATED?

Your bill is calculated based on the applicable rate class using the CPUC-approved Tariff charges. Bills are based on the meter read for a 27 to 33 day period.

## SUMMARY RATE SCHEDULES

*The following pages provide a summary of Liberty Utilities' Rate Tariffs as approved by the California Public Utilities Commission as of the date on this document. All costs given are for all kWh, per kWh (usage) and applied to both Base and Excess of Base usage unless otherwise noted. Rates are presented for the four major customer classes in summary format for easier customer review. Customers are encouraged to visit the individual Rate Tariff Sheet, Glossary of Terms and Understanding Your Bill webpages for further explanation. Visit [www.libertyutilities.com](http://www.libertyutilities.com) and click on the Rates link or call 1-800-782-2506.*



## Residential (Domestic) Service (D1) (Updated 8-1-2018)

### RESIDENTIAL (DOMESTIC) CUSTOMERS (D1) TYPES

**Primary:** Primary place of residence. Bills are calculated using two different rates: discounted rate (known as baseline allowance) and a rate for electricity used in excess of the baseline allowance. The baseline amount is different for winter and summer.

**Non-Primary:** Not primary place of residence; a second home or vacation rental. The baseline (discounted) rate does not apply to secondary residences.

**CARE:** California Alternate Rates for Energy; a discounted rate for income-qualified primary customers.

**Medical Baseline Quantity:** Additional baseline allowance (16.5 kWh per day) provided to customers requiring life support equipment; any customer on this rate will have an "M" or "MM" at the end of their rate code (not shown below). See *Tariff sheets for baseline details*.

### RESIDENTIAL (DOMESTIC) SERVICE (D1) Rate Codes: (see below)

	Primary	Non-Primary	CARE
<b>Basic Use</b>	E02	E10	E42
<b>Basic Electric w/ Electric Heat</b>	E04	E12	E44
<b>Basic Electric w/ Hot Water Heat</b>	E06	E14	E46
<b>All-Electric Use</b>	E08	E16	E48
<b>Customer Charge</b>			
Per meter, per month	\$ 8.50	\$ 8.50	\$ 6.80
<b>Total kWh (Usage) Charge</b>			
Base*	\$ 0.12628	N/A	\$ 0.10066
Excess	\$ 0.14989	\$ 0.14989	\$ 0.11955

\*Base (or Baseline) kWh/day

**Note:** There are additional charges on your bill as authorized and required by the CPUC. See *Tariff sheets for details*.

### RESIDENTIAL (D1) BASELINE (kWh/DAY)

Rate Code	Summer	Winter
	May 1-Oct. 31	Nov. 1-April 30
E02, E42, E06, E46	14.5	19.0
E04, E44, E08, E48	16.4	31.4

	Primary	Non-Primary	CARE
<b>TOTAL RESIDENTIAL kWh (USAGE) CHARGE BREAKDOWN:</b>			
<b>Surcharges (per kWh)</b>			
CPUC	\$ 0.00046	\$ 0.00046	\$ 0.00046
CEC	\$ 0.00029	\$ 0.00029	\$ 0.00029
<b>Distribution Energy Charge (per kWh)</b>			
Base	\$ 0.06682	N/A	\$ 0.04320
Excess	\$ 0.06682	\$ 0.06682	\$ 0.03848
<b>Public Purpose Programs (PPP) (per kWh)</b>			
CARE	\$ 0.00200	\$ 0.00200	N/A
ESA	\$ 0.00038	\$ 0.00038	\$ 0.00038
Energy Efficiency	\$ 0.00086	\$ 0.00086	\$ 0.00086
<b>Energy Cost (ECAC) (per kWh)</b>			
Base	\$ 0.03300	N/A	\$ 0.03300
Excess	\$ 0.05009	\$ 0.05009	\$ 0.05009
<b>Generation Energy Charge (per kWh)</b>			
Base	\$ 0.00770	N/A	\$ 0.00770
Excess	\$ 0.01422	\$ 0.01422	\$ 0.01422
<b>ECAC Amortization (per kWh)</b>	(\$ 0.00705)	(\$ 0.00705)	(\$ 0.00705)
<b>Vegetation Management (VM) (per kWh)</b>	\$ 0.00435	\$ 0.00435	\$ 0.00435
<b>Carbon Pollution Permit Cost (per kWh)</b>	\$ 0.00542	\$ 0.00542	\$ 0.00542
<i>Note: Residential Customers receive a Climate Credit in April and October to offset this charge.</i>			
<b>Solar Initiative Program (SIP) (per kWh)</b>	\$ 0.00061	\$ 0.00061	\$ 0.00061
<b>Catastrophic Event Memorandum Account (CEMA) (per kWh)</b>	\$ 0.00174	\$ 0.00174	\$ 0.00174
<b>Base Revenue Requirement Balancing Account (BRRBA)**</b>	\$ 0.00500	\$ 0.00500	\$ 0.00500
<b>General Rate Case (GRC) Memorandum Account (per kWh)*</b>	\$ 0.00470	\$ 0.00470	\$ 0.00470

\*To be eliminated 12/31/18 \*\*To be eliminated 5/1/20

### RESIDENTIAL (D1) SAMPLE BILL CALCULATION

<b>Customer Charge</b> (Per meter, per month)	\$ 8.50
<b>Base Usage</b> 435 kWh @ 0.12628 =	\$ 54.93
<b>Excess Usage</b> 135 kWh @ 0.14989 =	\$ 20.24
<b>TOTAL CURRENT CHARGES:</b>	\$ 83.67

## Small Commercial Service (A1) (Updated 8-1-2018)

Rate Codes: E50 (<20 kW demand per month), E5A (>20 kW but <50 kW demand per month)

	E50	E5A
<b>Customer Charge</b>		
Per meter, per month	\$ 15.29	\$ 15.29
<b>Total kWh (Usage) Charge</b>	\$ 0.16695	\$ 0.17074
<b>TOTAL SMALL COMMERCIAL kWh (USAGE) CHARGE BREAKDOWN:</b>		
<b>Surcharges (per kWh)</b>		
CPUC	\$ 0.00046	\$ 0.00046
CEC	\$ 0.00029	\$ 0.00029
<b>Distribution Energy Charge (per kWh)</b>	\$ 0.07659	\$ 0.07659
<b>Public Purpose Programs (PPP) (per kWh)</b>		
CARE	\$ 0.00200	\$ 0.00200
ESA	\$ 0.00038	\$ 0.00038
Energy Efficiency	\$ 0.00086	\$ 0.00086
<b>Energy Cost (ECAC) (per kWh)</b>	\$ 0.04384	\$ 0.04384
<b>Generation Energy Charge (per kWh)</b>	\$ 0.01430	\$ 0.01430
<b>ECAC Amoritization (per kWh)</b>	(\$ 0.00705)	(\$ 0.00705)
<b>Vegetation Management (VM) (per kWh)</b>	\$ 0.00451	\$ 0.00451
<b>Carbon Pollution Permit Cost (per kWh)</b>	\$ 0.00542	\$ 0.00542
<b>Climate Credit (per kWh)</b>	(\$ 0.00379)	N/A
<b>Solar Initiative Program (SIP) (per kWh)</b>	\$ 0.00061	\$ 0.00061
<b>Catastrophic Event Memorandum Account (CEMA) (per kWh)</b>	\$ 0.00174	\$ 0.00174
<b>Base Revenue Requirement Balancing Account (BRRBA)**</b>	\$ 0.01989	\$ 0.01989
<b>General Rate Case (GRC) Memorandum Account (per kWh)*</b>	\$ 0.00690	\$ 0.00690

\*To be eliminated 12/31/18 \*\*To be eliminated 5/1/20

### SMALL COMMERCIAL (A1) SAMPLE BILL CALCULATION

<b>Customer Charge</b>	\$ 15.29	\$ 15.29
384 kWh @ 0.16695 =	\$ 64.11	N/A
7600 kWh @ 0.17074 =	N/A	\$1297.62
<b>TOTAL CURRENT CHARGES</b>	\$ 79.40	\$1312.91

**Note:** There are additional charges on your bill as authorized and required by the CPUC. See Tariff sheets for details.

## Medium Commercial Service (A2) (Updated 8-1-2018)

Rate Code: E52 (between 50 kW and 200 kW demand per month)

	Winter (10/1-5/31)	Summer (6/1-9/30)
<b>Customer Charge</b>		
Per meter, per month	\$ 38.51	\$ 38.51
<b>Demand Charge (per kW)</b>	\$ 11.41	\$ 7.42
<b>Total kWh (Usage) Charge</b>	\$ 0.05371	\$ 0.08632
<b>TOTAL MEDIUM COMMERCIAL kWh (USAGE) CHARGE BREAKDOWN:</b>		
<b>Surcharges (per kWh)</b>		
CPUC	\$ 0.00046	\$ 0.00046
CEC	\$ 0.00029	\$ 0.00029
<b>Distribution Energy Charge (per kWh)</b>	\$ 0.03011	N/A
<b>Public Purpose Programs (PPP) (per kWh)</b>		
CARE	\$ 0.00200	\$ 0.00200
ESA	\$ 0.00038	\$ 0.00038
Energy Efficiency	\$ 0.00086	\$ 0.00086
<b>Energy Cost (ECAC) (per kWh)</b>	\$ 0.03092	\$ 0.06809
<b>Generation Energy Charge (per kWh)</b>	N/A	\$ 0.02555
<b>ECAC Amoritization (per kWh)</b>	(\$ 0.00705)	(\$ 0.00705)
<b>Vegetation Management (VM) (per kWh)</b>	\$ 0.00448	\$ 0.00448
<b>Carbon Pollution Permit Cost (per kWh)</b>	\$ 0.00542	\$ 0.00542
<b>Solar Initiative Program (SIP) (per kWh)</b>	\$ 0.00061	\$ 0.00061
<b>Catastrophic Event Memorandum Account (CEMA) (per kWh)</b>	\$ 0.00174	\$ 0.00174
<b>Base Revenue Requirement Balancing Account (BRRBA)**</b>	(\$ 0.02590)	(\$ 0.02590)
<b>General Rate Case (GRC) Memorandum Account (per kWh)*</b>	\$ 0.00939	\$ 0.00939

\*To be eliminated 12/31/18 \*\*To be eliminated 5/1/20

### MEDIUM COMMERCIAL (A2) SAMPLE BILL CALCULATION

<b>Customer Charge</b>	\$ 38.51
<b>Demand Charge</b>	
26 kW @ 11.41 =	\$ 296.66
9080 kWh @ .05371 =	\$ 487.69
<b>TOTAL CURRENT CHARGES</b>	\$ 822.86

**Note:** There are additional charges on your bill as authorized and required by the CPUC. See Tariff sheets for details.

## Large Commercial Service (A3) (Updated 8-1-2018)

(>200 kw demand per month) Rate Codes: Corresponds with Time-Of-Use periods (see below)

RATE CODE	E6OnWin	E6MidWin	E6OffWin	E8SumOn	E8SumOff
TOU PERIOD	Winter - ON Oct. 1-May 31 5:01 PM-10:00 PM	Winter - MID Oct. 1-May 31 7:01 AM-5:00 PM	Winter - Off All Other	Summer - ON June 1-Sept. 30 10:01 AM-10:00 PM	Summer - OFF All Other
<b>Customer Charge</b>					
Per meter, per month	\$ 455.59	N/A	N/A	\$ 455.59	N/A
<b>Facility Charge (per kW of maximum demand)</b>	\$ 5.12	N/A	N/A	\$ 5.12	N/A
<b>Demand Charge (per kW)</b>					
Distribution	\$ 6.31	\$ 1.87	N/A	\$ 2.64	N/A
Generation	\$ 1.64	\$ 1.12	N/A	\$ 10.48	N/A
<b>Total kWh (Usage) Charge</b>	\$ 0.08869	\$ 0.08775	\$ 0.07407	\$ 0.09268	\$ 0.07485
<b>TOTAL LARGE COMMERCIAL kWh (USAGE) CHARGE BREAKDOWN:</b>					
<b>Surcharges (per kWh)</b>					
CPUC	\$ 0.00046	\$ 0.00046	\$ 0.00046	\$ 0.00046	\$ 0.00046
CEC	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029	\$ 0.00029
<b>Distribution Energy Charge (per kWh)</b>	\$ 0.01284	\$ 0.01100	\$ 0.00589	\$ 0.01694	\$ 0.00924
<b>Public Purpose Programs (PPP) (per kWh)</b>					
CARE	\$ 0.00200	\$ 0.00200	\$ 0.00200	\$ 0.00200	\$ 0.00200
ESA	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038	\$ 0.00038
Energy Efficiency	\$ 0.00086	\$ 0.00086	\$ 0.00086	\$ 0.00086	\$ 0.00086
<b>Energy Cost (ECAC) (per kWh)</b>	\$ 0.04699	\$ 0.04789	\$ 0.03932	\$ 0.04688	\$ 0.03675
<b>Generation Energy Charge (per kWh)</b>	N/A	N/A	N/A	N/A	N/A
<b>ECAC Amoritization (per kWh)</b>	(\$ 0.00705)	(\$ 0.00705)	(\$ 0.00705)	(\$ 0.00705)	(\$ 0.00705)
<b>Vegetation Management (VM) (flat fee)</b>	\$ 672.55	N/A	N/A	\$ 672.55	N/A
<b>Carbon Pollution Permit Cost (per kWh)</b>	\$ 0.00542	\$ 0.00542	\$ 0.00542	\$ 0.00542	\$ 0.00542
<b>Solar Initiative Program (SIP) (per kWh)</b>	\$ 0.00061	\$ 0.00061	\$ 0.00061	\$ 0.00061	\$ 0.00061
<b>Catastrophic Event Memorandum Account (CEMA) (per kWh)</b>	\$ 0.00174	\$ 0.00174	\$ 0.00174	\$ 0.00174	\$ 0.00174
<b>Base Revenue Requirement Balancing Account (BRRBA)**</b>	\$ 0.01345	\$ 0.01345	\$ 0.01345	\$ 0.01345	\$ 0.01345
<b>General Rate Case (GRC) Memorandum Account (per kWh)*</b>	\$ 0.01070	\$ 0.01070	\$ 0.01070	\$ 0.01070	\$ 0.01070

\*To be eliminated 12/31/18 \*\*To be eliminated 5/1/20

### LARGE COMMERCIAL (A3) SAMPLE BILL CALCULATION

**Please call Customer Care at 1-800-782-2506 for sample bill calculation**

**Note:** There are additional charges on your bill as authorized and required by the CPUC. See Tariff sheets for details.